

Appendix E

References

- American Association for the Advancement of Science. (1990). *Science for all Americans*. New York: Oxford University Press.
- American Association for the Advancement of Science. (1993). *Benchmarks for science literacy: A Project 2061 report*. New York: Oxford University Press.
- American Association for the Advancement of Science. (2001). *Atlas for scientific literacy*. Washington, DC: AAAS.
- Catley, K., Lehrer, R., and Reiser, B. (2005). *Tracing a Prospective Learning Progression for Developing Understanding of Evolution*. Paper Commissioned by the National Academies Committee on Test Design for K-12 Science Achievement.
<http://www7.nationalacademies.org/bota/Evolution.pdf>
- Johnston, A. (2008). Demythologizing or Dehumanizing? A Response to Settlage and the Ideals of Open Inquiry. *Journal of Science Teacher Education*, 19:11–13.
- Lederman, N. G. (1992). Students' and teachers' conceptions of the nature of science: A review of the research. *Journal of Research in Science Teaching*, 29(4), 331-359.
- Lederman, N. (1998). The State of Science Education: Subject Matter Without Context. *Electronic Journal of Science Education*, 3(2).
- National Research Council (1996). *National science education standards*. Washington, DC: National Academic Press.
- National Research Council (NRC) (2008). *Ready, Set, Science: Putting Research to Work in K-8 Science Classrooms*. Washington, DC: National Academic Press.
- Plummer, J. D. (2008). A cross-age study of children's knowledge of apparent celestial motion. *International Journal of Science Education*, To link to this Article: DOI: 10.1080/09500690802126635 URL: <http://dx.doi.org/10.1080/09500690802126635>
- Science Teachers' Association of Ontario (STAO/APS), and Science Co-ordinators', and Consultants' Association of Ontario (SCCAO), (2006). *Position Paper: The Nature of Science*. Retrieved May 21, 2009, Web site: <http://www.stao.org/resources/position-statements/Nature%20of%20Science.pdf>
- Smith, C. L., Wiser, M., Anderson, C. W., and Krajcik, J. (2006). FOCUS ARTICLE: Implications of Research on Children's Learning for Standards and Assessment: A Proposed Learning Progression for Matter and the Atomic-Molecular Theory. *Measurement*, 4(1/2): 1-98.
- Wiggins, G., and McTighe, J. (1998). *Understanding by Design*. Alexandria, VA: ASCD.